

Matthias A. Hein (IEEE M'06-SM'06) received his diploma and doctoral degrees with honors from the University of Wuppertal, Germany, in 1987 and 1992, where he worked as a microwave physicist on superconductor applications for mobile and satellite communications. In 1999, he received a British Senior Research Fellowship of the Engineering and Physical Sciences Research Council (EPSRC) at the University of Birmingham, U.K. From 1998 until 2001, he headed an interdisciplinary research group of passive microwave electronic devices.



In 2002, he joined the Technische Universität Ilmenau as the Head of the RF and Microwave Research Laboratory; he successfully negotiated the continuation and extension of this position in 2010. In his professional career until today, he has authored and coauthored around 550 publications and provided over 60 invited talks or tutorials at international conferences. He has supervised 40 doctoral projects, 85 Master, around 20 Bachelor projects and 50 student research projects.

Matthias Hein chaired the German Microwave Conference 2012, the European Microwave Conference 2017, and the Technical Program Committee of the IEEE ICMIM 2018. He served as co-organizer and convener of various other international conferences. He is elected board member of the IEEE Joint German Chapter MTT/AP and of the EurAAP. Since 2003, Matthias Hein is a member of the Expert Panel "Radio Systems" of the Information Technology Society (ITG) in the German Association for Electrical, Electronic + Information Technologies (VDE), which he directed from 2009 until 2017. He acts as a referee for high-ranking scientific journals and funding agencies.

In 2014, he became spokesman of the Thuringian Center of Innovation in Mobility, where his research focus is on intelligent automotive wireless sensor and communication systems, over-the-air testing of automotive wireless systems, and virtual test drives. Further research activities deal with antenna engineering, antenna measurement technology, microwave engineering, and microwave circuit technologies. The research performed under his supervision has been attracting significant public and private funding continuously for more than 16 years.